

Date: Tue, 23 Mar 93 04:29:01 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #364
To: Info-Hams

Info-Hams Digest Tue, 23 Mar 93 Volume 93 : Issue 364

Today's Topics:

 Anyone used ICOM VOX headset?
 Armstrong/DeForest regenerative receiver
 Customer Service--HRO and others
 Kenwood/Icom/Yaesu/TenTec Nets?
 Nicad Memory Effect-Fact or Myth? (2 msgs)
 Packet via Telnet: join our gateway!
 QRP Groups
 Questions about Yaesu FT-5200
 Rare characters (Morse, that is)
 Real NoCodes
 White House To Auction Airwaves

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 22 Mar 1993 21:48:43 GMT
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpcc05!hpcc01!bparrish@network.UCSD.EDU
Subject: Anyone used ICOM VOX headset?
To: info-hams@ucsd.edu

Has anyone used the HS60 VOX headset with the ICOM W2A?

I'm thinking about it for my vanpool where we aren't allowed to
have radios blaring, but its OK to talk... Can the VOX be adjusted/
turned off? How's the audio?

My XYL has been wanting a speaker mic; I was thinking of

giving her the old one, and using this in place of it... any thoughts on using this as a replacement for a speaker-mic?

This item is a bit pricy (\$68.25 from AES), so I hate to plunk down for it if there are serious problems.

Thanks for any help.

Bill Parrish KM6KV

Date: Tue, 23 Mar 1993 04:19:04 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!news.cso.uiuc.edu!
uxa.cso.uiuc.edu!jtg0707@network.UCSD.EDU
Subject: Armstrong/DeForest regenerative receiver
To: info-hams@ucsd.edu

Hello

A long time ago, I came across a schematic of a transistor version of the Armstrong/DeForest receiver.

I have since lost the schematic. Does anyone out there know or remember where I can get a copy of it?

I prefer the transistor version since parts are readily available (and cheaper than the tube version)

Thanks in advance.

J.T.

Date: Tue, 23 Mar 1993 00:42:42 GMT
From: ddsww1!gagme!gagme!ross@uunet.uu.net
Subject: Customer Service--HRO and others
To: info-hams@ucsd.edu

This Saturday, I visited Erickson electronics in Chicago, at about 2:45. The people who worked there were freaking out, because there were 15 people in the store, 15 minutes before closing. I think that should tell them something. I find it almost impossible to get there much earlier. One of the employees said "if the competition were open later, then we would be open later." They are open til 5:30 during the week, and til 3 on Saturday, closed Sunday. I wonder when most people go there? I would guess that most of their customers have 9-5 jobs. So it is Saturday.

On another note, I am new to ham radio, just passed my test in January, and every time I go in that store, all I hear is bitching about

how somebody was messing up this or that repeater, or not using it right. In my small experience with ham radio, it would seem that it is mostly devoted to bitching about other people. Sounds like fun to me ;-)

Ross Sponholtz
Patiently waiting on license.

Date: 22 Mar 93 18:57:36 GMT
From: auratek!epacyna@uunet.uu.net
Subject: Kenwood/Icom/Yeasu/TenTec Nets?
To: info-hams@ucsd.edu

I understand that there are HF SSB nets, that hold regular discussions regarding the popular brands of radio equipment (problems, modifications, news etc.).

Can any of you folks out there supply days, times, frequencies?

73's

Ed W1AAZ

Date: Tue, 23 Mar 1993 03:19:50 GMT
From: netcomsv!netcom.com!netcomsv!ntg!dplatt@decwrl.dec.com
Subject: Nicad Memory Effect-Fact or Myth?
To: info-hams@ucsd.edu

In article <1993Mar21.023002.5207@ssc.com> tad@ssc.com (Tad Cook) writes:

>

>Do the performance of NiCad batteries suffer when they are repeatedly
>only slightly discharged? The story goes that one should do a deep
>discharge every time, before doing a complete charge. Otherwise
>after a number of shallow charge-discharge cycles the battery cannot
>do a deep discharge anymore.

>

>Some years ago I read a letter in the Technical Correspondence column
>in QST from a couple of engineers at Gould saying that this was a myth,
>and that the nicad memory effect could only be demonstrated in the
>lab when the battery is repeatedly discharged many times to precisely
>the same level.

>

>Last year QST magazine ran an article on nicads that mentioned the

>memory effect, and said that it was a myth, or at least vastly
>overstated.

This is consistent with what I've read in the Gates battery manual.

A much greater risk to the lifetime of NiCd batteries is overdischarge. Running a NiCd battery down all the way will very probably reverse-charge whichever of its cells is weakest (it runs down to zero, and then has current pumped through it "backwards" by the other, not-yet-dead cells). Reverse-charging a NiCd cell will damage it in very short order... the cell develops internal short-circuits which will greatly reduce its ability to accept and hold a charge.

>I can't seem to find any research that supports either conclusion.
>The nicad memory belief seems to be quite popular, but none of
>the proponents that I have talked to can ever point me to any
>substantial source for data.

Gates sells a reference book on the selection, use, care & feeding of all sorts of rechargeable batteries.

--

Dave Platt VOICE: (415) 813-8917
Domain: dplatt@ntg.com UUCP: ...netcomsv!ntg!dplatt
USMAIL: New Technologies Group Inc. 2470 Embarcardero Way, Palo Alto CA 94303

Date: Mon, 22 Mar 1993 16:09:47 GMT
From: usc!howland.reston.ans.net!gatech!asuvax!ennews!anasaz!misty!
john@network.UCSD.EDU
Subject: Nicad Memory Effect-Fact or Myth?
To: info-hams@ucsd.edu

forbesm@atlantis.CS.ORST.EDU (Mark Forbes) writes:

]If you short-cycle a Nicad several times, it begins to show a voltage
]depression effect. The portion of the plates which has not been dis-

Almost correct. You have to overcharge it for voltage depression to occur. If you short cycle it and charge it correctly, no voltage depression will occur. Otherwise, you are correct.

--

John Moore NJ7E, 7525 Clearwater Pkwy, Scottsdale, AZ 85253 (602-951-9326)
john@anasazi.com ncar!noao!asuvax!anasaz!john anasaz!john@asuvax.eas.asu.edu
"Government is the agent of those who are too refined to do their own mugging."
Joseph Sobran

Date: 23 Mar 1993 08:48:14 GMT
From: usc!elroy.jpl.nasa.gov!nntp-server.caltech.edu!pjb@network.UCSD.EDU
Subject: Packet via Telnet: join our gateway!
To: info-hams@ucsd.edu

Some guy sent my sysadmin a note about my "illegal fundraising" involving "commercial use" of amateur channels. This apparently was in response to my earlier announcement of invitations to try out and join a internet-> packet system in which I make it quite clear that financial contribution is requested for permanent use.

I won't drag that guys callsign into it. Maybe he misunderstood part 97.

The W6UE packet gateway is a user-supported facility, much like any repeater system or remote base. Most repeater systems and remote bases only survive as a joint-venture with users sharing expenses. Even repeaters that are completely open are often run by a club, not just one person.

The packet gateway uses the operator's callsign, not W6UE. That operator is responsible for his actions while he is using the system, and if the FCC monitored the transmissions, it would be his callsign that was tagged on them. So it is, effectively, a packet "remote base."

Thus, I don't see how anyone could deduce that I am "sending messages for hire."

73 de Paul KI6CQ
pjb@hss.caltech.edu

Date: Sun, 21 Mar 93 18:27:35 CST
From: ddsw1!gagme!precipice!jjw@uunet.uu.net
Subject: QRP Groups
To: info-hams@ucsd.edu

pea@spider.wri.com (Bruce Pea) writes:

> Does anyone know of any QRP groups on Internet? I would
> appreciate any pointers I could get.
>
> Thanks -

Not really a QRP 'group' on Internet, but a few of the members of NEIQS (North Eastern Illinois QRP Society) are tied in (myself

and WV9K, my wife, and Leilani occasionally checks in). We do a lot of operating, some building, and a few of us design new things.

--> de N9JZW John Welch jjw@precipice.chi.il.us

Date: 23 Mar 93 07:36:40 GMT
From: olivea!charnel!jmeyers@ames.arpa
Subject: Questions about Yaesu FT-5200
To: info-hams@ucsd.edu

I am considering the purchase of the 5200 dual band radio, but have a few mounting-related questions first...

- 1) When you separately mount the face, do you have to run a speaker wire back to the main unit for audio? Or can you get it from the face?
- 2) Once the face is mounted separately, can you still detach it from the mount for safety purposes?
- 3) What are the dimensions of the face and its mount?

Thanks for any input! Any other comments on this radio?? I don't live near a store anymore, and would rather get the opinions of actual users than of salesmen...

Oh, I prefer e-mail response, if you can... :-)

--

=====
| Jeff Meyers | jmeyers@ecst.csuchico.edu | 39x43'N 121x48'W |
| Chico, Ca 95926 | KD6DIS@KE6LW.#NOCAL.CA.USA.NA | Grid: CN80-CM99 ?? |
=====

Date: Tue, 23 Mar 1993 04:50:45 GMT
From: news.Hawaii.Edu!news@ames.arpa
Subject: Rare characters (Morse, that is)
To: info-hams@ucsd.edu

Here's the most complete list of no-so-common Morse characters I could find:

. (period) .-.-.-
, (comma) --...--

? (question mk) ..--..
 / (fraction) -...-
 : (colon) ---...
 ; (simicolon) -.-.-
 ((open paran) -...-
) (close paran) -...-
 ' (apostrophe) .----.
 - (hyphen) -.....-
 \$ (dollar sg)-...-
 " (quote begin) -...-
 " (quote end) .-...-.

-...- is the starting signal for a msg
 -...- is used to separate a number and a fraction (it is also the begin-quote)
 ---- is (as mentioned previously) the letters ch, or it can be used to
 indicate the end of a paragraph
 ..--.. ..--.. which is two question marks can be used as the error signal
 rather than

There are the 5 procedural signals which we all know: BT, AR, K, AS, VA;
 note that on the commercial bands VA is written as SK.

My reference: Shrader's ELECTRONIC COMMUNICATION, a texbook for the
 commercial licenses.

Jeffrey, NH6IL.

Date: Mon, 22 Mar 93 15:01:02 -0800
 From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!destroyer!cs.ubc.ca!van-bc!
 holly!jerrys@network.UCSD.EDU
 Subject: Real NoCodes
 To: info-hams@ucsd.edu

Well as reported by the ITU, there will be a proposal to REMOVE cw
 requirements for HF bands during the NEXT ITU meeting....

--

jerrys@holly.can.com

Date: 22 Mar 93 16:57:31
 From: sun-barr!news2me.EBay.Sun.COM!exodus.Eng.Sun.COM!appserv.Eng.Sun.COM!
 appserv!rfm@decwrl.dec.com

Subject: White House To Auction Airwaves
To: info-hams@ucsd.edu

In article <1octrkINNilr@meaddata.meaddata.com> pdd@meaddata.com (Paul Darata) writes:

Unfortunately, as history has very consistently shown, all increased costs to a company are simply passed along to the consumer either in the form of direct rate hikes or in the form of reduced service or quality.

Untrue. Many times the company finds a way to reduce use of the commodity -- or their competitors do. Consider all the fuel users that switched to natural gas when the price of oil went up. Plenty of other examples. Markets are efficient allocators of resources. Efficient means the most output for the least input.

This is also VERY alarming because how long will it be until the amateur frequencies are viewed as potential revenue generators??

We've been trading commercial and residential real estate for some time, and nobody in authority has suggested auctioning off the national parks yet. (Of course the Libertarians would think it good idea, but they're not in authority.)

Of course, we must continue to make sure that policy makers understand the good that comes from having spectrum allocated to amateur use, just as conservation and recreation groups ensure policy makers know why the national parks are a good idea.

Rich

--

Rich McAllister (rfm@eng.sun.com)

Date: Tue, 23 Mar 93 04:44:15 GMT
From: swrinde!gatech!destroyer!cs.ubc.ca!alberta!adec23!ve6mgs!
mark@network.UCSD.EDU
To: info-hams@ucsd.edu

References <C40ECM.8JE@icon.rose.hp.com>, <1993Mar18.184425.9527@ve6mgs.ampr.org>,
<1993Mar19.164731.27129@odin.corp.sgi.com>
Subject : Re: Newbie question: What is iambic?

adams@chuck.dallas.sgi.com (Charles Adams) admires:

>Mark bragged:

>|>I prefer the latter, but I am in the minority (I can send fluidly at 45WPM,

>|>so I am the 'correct' minority :-)
>this places you in top 2%. good job and congratulations. also tells me
>how many hours you have been doing CW. :-)
Oh, don't flatter me, I said I could send at 45, didn't tell you what I
could receive at :-) Too many hours, not enough free time :-}

>i did the same thing 30 years ago, but forgot all about it until you
>mentioned it.
Hmmm, I was 2 at that time, so you can be guaranteed to have done it 'first'!

>now my mind brings up a question. is this really 50% duty cycle?
The logic is as follows. The meter movement goes from extreme left (silly
figure eight on it's side with one side not closed) to the extreme right, or
0 ohms. The movement is a mechanical device, thus if it is roughly in the
middle position, it is pretty darn close to 50% duty cycle. Since we are
using digital proportional control here :-) linearity should not enter into
the picture, the needle weighs the same amount on the left or the right ...

But, he says, the spring has more tension when on the left, as opposed to the
right ...

I'll end the argument now, I fed a relay with a 50% duty cycle signal, confirmed
on a cheap oscilloscope with a #80 tube, and guess what! the needle was in
the middle! Teaches this young upstart to even question the old master.

'Those that ignore history, are forced to relive it!'
Someone else

--

-- Ciao Mark Salyzyn mark@ve6mgs.ampr.ab.ca|mark@adec23.UUCP|an16969|an17082
- Entries to the Amateurs on USENET List: hams-on-usenet@ve6mgs.ampr.ab.ca
- Postings to rec.radio.info: rec-radio-info@ve6mgs.ampr.ab.ca
- rec.radio.info administrivia: rec-radio-request@ve6mgs.ampr.ab.ca

Date: 22 Mar 1993 21:10:12 GMT
From: sun-barr!news2me.EBay.Sun.COM!exodus.Eng.Sun.COM!appserv.Eng.Sun.COM!
concertina!fiddler@ames.arpa
To: info-hams@ucsd.edu

References <1993Mar20.024756.22555@anomaly.sbs.com>,
<C47317.L1u@athena.cs.uga.edu>, <C473AM.LDJ@athena.cs.uga.edu>Eng.Sun.
Subject : Re: Real NoCodes

>Re the posting blaming "NoCodes" for all sorts of misbehavior:

I hope the poster feels better now...

Listening to traffic on 80 meters last week, I heard a group of old timers (by their own description, a couple of extras, the rest advanced) spend the better part of an hour (no, I didn't spend the entire time listening to them, but there were at it every time I passed by for at least that long) complain about how everything that is currently wrong with the world was the fault of no-codes and other lesser (than advanced-level) life forms.

Then the following night, this same bunch got into a shouting match with another similar group over who owned the frequency that they were colliding on. ("We're here every week at this time, it's ours, go find somewhere else to talk...")

It eventually degenerated to arguments on who had the higher ratings, and from there to who had had their ratings issued earliest.

Pathetic.

Fortunately, the vast majority of hams seem to get along without doing this sort of stuff, and when someone does goof up, if someone else corrects them, the correction is usually done politely, and the one corrected accepts the correction with good grace.

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-----  
| Some things are too important not to give away      |  
| to everybody else and have none left for yourself.  |  
|----- Dieter the car salesman-----|
```

Date: 22 Mar 1993 20:48:43 GMT
From: sun-barr!news2me.EBay.Sun.COM!exodus.Eng.Sun.COM!appserv.Eng.Sun.COM!
concertina!fiddler@ames.arpa
To: info-hams@ucsd.edu

References <1993Mar17.135255.23820@odin.corp.sgi.com>,
<1993Mar17.184150.15896@sunova.ssc.gov>,
<1993Mar18.214614.19983@odin.corp.sgi.com>f
Subject : Re: Wrinkle Paint

In article <1993Mar18.214614.19983@odin.corp.sgi.com> adams@chuck.dallas.sgi.com
(Charles Adams) writes:

>

>and i mean BIG way. let me refresh everybody's memory. seems like somebody
>else named Chuck was in DFW (Dallas-Ft Worth area) making kung fu movie.

I read a market survey which stated that E. F. Johnson has 65 percent of the land mobile market.

~jack_

Date: Tue, 23 Mar 1993 04:04:09 GMT
From: usc!cs.utexas.edu!asuvax!ennews!anasaz!misty!john@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Mar21.023002.5207@ssc.com>, <1993Mar21.155108.22371@ke4zv.uucp>,
<1993Mar22.145427.7399@rwwa.COM>#
Subject : Re: Nicad Memory Effect-Fact or Myth?

witr@rwwa.COM (Robert Withrow) writes:

]Is this what happens if you leave a NiCad battery to self discharge for
]a long period of time, say 6 months? I have several of these that have only
]about 10 cycles, but were left in a box for about a year (in a discharged
]state). Now the 1 hour batteries last about 3 minutes before the equipment
]shuts down.

No. If you leave them alone, they will self discharge but without damaging themselves. The damage occurs when current flows backwards through a cell, which will only occur if a battery of cells is overdischarged - because some cells will reach zero charge before others. However, if you take a dead battery and hook it up to something, and some cells have some residual charge, THEN you will damage them.

--
John Moore NJ7E, 7525 Clearwater Pkwy, Scottsdale, AZ 85253 (602-951-9326)
john@anasazi.com ncar!noao!asuvax!anasaz!john anasaz!john@asuvax.eas.asu.edu
This is a newer version of the memetic .signature infection. Now that's an idea. Copy it into your .signature today!

Date: Tue, 23 Mar 1993 06:16:12 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!news.cso.uiuc.edu!
uxa.cso.uiuc.edu!btbg1194@network.UCSD.EDU
To: info-hams@ucsd.edu

References <930314.232317.9Z4.rusnews.w165w@garlic.sbs.com>,
<1993Mar18.210847.29778@sj.ate.slb.com>,
<1993Mar19.120646.4149@mlb.semi.harris.com>
Subject : Re: No code / morse code / My head hurts / (was: Re: Motorola HTs)

See one. Do one. Teach one.

73 de kb8cne @ n9lnq.il

End of Info-Hams Digest V93 #364
